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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 362

Application Number	10/500,682 10/500,772
Filing Date	7/6/204
First Named Inventor	P. Stephenson, et al.
Art Unit	2628
Examiner Name	Broome, Said A
Attorney Docket Number	fraunh01.047

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Gordon E. Nelson, Patent Attorney PC		
Signature			
Printed name	Gordon E. Nelson		
Date	April 14, 2006	Reg. No.	30,093

CERTIFICATE OF TRANSMISSION/MAILING

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PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(fraunh01.047)

Applicant: P. Stephenson, et al.

Paper No.:

Application No: ~~10/500,882~~

Group Art Unit: 2628

Filed: 7/6/2004

10/500,772

Examiner: Broome, Said A. ✓

Title: *Using runs of cells to traverse a ray through a volume*

.....
Commissioner for Patents
Alexandria, VA 22313-1450

Information Disclosure Statement

This information disclosure statement is being filed under 37 C.F.R. 1.97 (c) (2) with the required fee of \$180 .

Respectfully submitted,

Gordon E. Nelson

Attorney of record,
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Date

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known	
		Application Number	10/500-882 10/500,772
		Filing Date	7/6/2004
		First Named Inventor	Peter Stephenson
		Art Unit	2628
		Examiner Name	Broome, Said A
Sheet 1 of 2	Attorney Docket Number	fraunh01.047	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		P. STEPHENSON, "The Structure of the Digitised Line: with Applications in Line Drawing and Ray Tracing in Computer Graphics", PhD Thesis, James Cook University of North Queensland, Australia, 1998.	
		P. STEPHENSON and B. LITOW, "Making the DDA run: Two-dimensional ray traversal using runs and runs of runs", 24th Australian Computer Science Proceedings, Gold Coast Australia, February 2001, 23(1): 177-183.	
		P. STEPHENSON and B. LITOW, "Why Stop When You Can Run? Interactive Line Digitization Algorithms Based on Hierarchies of Runs", IEEE Computer Graphics and Applications, Nov-Dec 2000 pp. 76-84.	
		P. STEPHENSON and B. LITOW, "Running the line: Line drawing using runs and runs of runs", Computers and Graphics 25 (2001) pp. 681-690.	
		V. BOYER and J. J. BOURDIN, "Fast Lines: a Span by Span Method", EuroGraphics '99 Volume 18, Number 3, The Eurographics Association and Blackwell Publishers, 1999.	
		E. J. LEE and L. F. HODGES, "Run-Based Multi-Point Line Drawing", 1993	
		J. AMANATIDES and A. WOO, "A Fast Voxel Traversal Algorithm for Ray Tracing", EuroGraphics, 1987.	
		M. LEVOY, "Efficient Ray Tracing of Volume Data", April 1989.	
		J. E. BRESENHAM, "An Incremental algorithm for digital plotting", ACM National Conference, August, 1963.	
		G. B. REGGIORI, "Digital computer transformations for irregular line drawings", Technical Report, New York University, April 1972, pp. 403-422.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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Examiner Signature		Date Considered	
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